

LAYING DEVICE FOR LAYING LINE ELEMENT

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ABSTRACT OF THE DISCLOSURE

A robot arm is provided at a forward end thereof with a rotation shaft member rotatable about a rotation axis thereof, in which a hollow portion is formed along the rotation axis. A laying device for laying a line element includes a relaying means for relaying an arm side section of the line element, extending through the hollow portion out of a lead-out opening formed on a side 10 of the rotation shaft member, to a tool side section of the line element extending from the tool. A direction in which the relaying means connects the line element is substantially parallel to a tool mount surface and forms 15 an angle other than 0° with regard to a radial direction of the rotation shaft member. A direction in which the relaying means connects the line element is substantially parallel to a tool mount surface and forms an angle other than 0° with regard to a radial direction 20 of the rotation shaft member, to a tool side section of the line element extending from the tool. A direction in which the relaying means connects the line element is substantially parallel to a tool mount surface and forms an angle other than 0° with regard to a radial direction of the rotation shaft member.